

Undergraduate Curriculum Committee

Western Kentucky University

Report to the University Senate

Date: February 2, 2015

From: Ashley Fox, Chair

The Undergraduate Curriculum Committee submits the following items from the 26 January 2015 meeting for approval by the University Senate:

Information Item Report:

- I. Revise Course Prerequisites/Corequisites:
 - CS 299
 - CS 325
 - CS 360
 - CS 381
 - CS 382
 - CS 389
 - CS 396
 - CS 446
 - CS 456
 - HMD 472
 - PH 365
- II. Revise Course Listing
 - PSY 299
 - PSY 421
- III. Revise Course Grade Type
 - SWRK 480
 - SWRK 482

Consent Item Report:

- I. Revise Course Number
 - EDU 300
- II. Create a New Course
 - PSY 346
 - CS 351
 - PHYS 425
 - SWRK 357
- III. Revise a Program
 - 629P/629, Major in Computer Science
 - 341, Minor in Computer Science
 - 586 Bachelor of Science in Nursing

- IV. Create a New Certificate
Interdisciplinary Patient Navigator Certificate
- V. Make Multiple Revisions to a Course
CS 181
CS 280
CS 380
CS 443
- VI. Revise Course Credit Hours
NURS 343
NURS 422
- VII. Create a New Minor Program
Minor in Clinical and Community Behavioral Health
- VIII. Revise Course Prerequisites/Corequisites:
CS 315

October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

- 1. Identification of course:**
 - 1.1 Course prefix (subject area) and number: CS 299
 - 1.2 Course title: Introduction to Research in Computer Science
- 2. Current prerequisites/corequisites/special requirements:**

A "B" or better in CS 180 and 181 or consent of instructor
- 3. Proposed prerequisites/corequisites/special requirements:**

A "B" or better in CS 180 and 221 or consent of instructor
- 4. Rationale for the revision of prerequisites/corequisites/special requirements:**

The revision of course prerequisites is consistent with the renumbering of CS 181 to CS 221.
- 5. Effect on completion of major/minor sequence:**

None
- 6. Proposed term for implementation:**

Fall 2015
- 7. Dates of prior committee approvals:**

Department of Computer Science	October 21, 2014
Ogden College Curriculum Committee	December 4, 2014
Undergraduate Curriculum Committee	January 26, 2015
University Senate	

October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

- 1. Identification of course:**
 - 1.1 Course prefix (subject area) and number: CS 325
 - 1.2 Course title: Computer Organization and Architecture
- 2. Current prerequisites/corequisites/special requirements:**

CS 181 with a grade of "C" or better
- 3. Proposed prerequisites/corequisites/special requirements:**

CS 221 with a grade of "C" or better
- 4. Rationale for the revision of prerequisites/corequisites/special requirements:**

The revision of course prerequisites is consistent with the renumbering of CS 181 to CS 221.
- 5. Effect on completion of major/minor sequence:**

None
- 6. Proposed term for implementation:**

Fall 2015
- 7. Dates of prior committee approvals:**

Department of Computer Science	October 21, 2014
Ogden College Curriculum Committee	December 4, 2014
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October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

- 1. Identification of course:**
 - 1.1 Course prefix (subject area) and number: CS 360
 - 1.2 Course title: Software Engineering I
- 2. Current prerequisites/corequisites/special requirements:**

A grade of "C" or better in CS 181
- 3. Proposed prerequisites/corequisites/special requirements:**

A grade of "C" or better in CS 221
- 4. Rationale for the revision of prerequisites/corequisites/special requirements:**

The revision of course prerequisites is consistent with the renumbering of CS 181 to CS 221.
- 5. Effect on completion of major/minor sequence:**

None
- 6. Proposed term for implementation:**

Fall 2015
- 7. Dates of prior committee approvals:**

Department of Computer Science
Ogden College Curriculum Committee
Undergraduate Curriculum Committee
University Senate

October 21, 2014

December 4, 2014

January 26, 2015

October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

- 1. Identification of course:**
 - 1.1 Course prefix (subject area) and number: CS 381
 - 1.2 Course title: Introduction to Computer Networks
- 2. Current prerequisites/corequisites/special requirements:**

CS 280 with a grade of “C” or better
- 3. Proposed prerequisites/corequisites/special requirements:**

CS 339 with a grade of “C” or better
- 4. Rationale for the revision of prerequisites/corequisites/special requirements:**

The revision of course prerequisites is consistent with the renumbering of CS 280 to CS 339.
- 5. Effect on completion of major/minor sequence:**

None
- 6. Proposed term for implementation:**

Fall 2015
- 7. Dates of prior committee approvals:**

Department of Computer Science	October 21, 2014
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**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

1. Identification of course:

- 1.1 Course prefix (subject area) and number: CS 382
- 1.2 Course title: Programming Languages

2. Current prerequisites/corequisites/special requirements:

A grade of "C" or better in CS 181

3. Proposed prerequisites/corequisites/special requirements:

A grade of "C" or better in CS 221

4. Rationale for the revision of prerequisites/corequisites/special requirements:

The revision of course prerequisites is consistent with the renumbering of CS 181 to CS 221.

5. Effect on completion of major/minor sequence:

None

6. Proposed term for implementation:

Fall 2015

7. Dates of prior committee approvals:

Department of Computer Science

October 21, 2014

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October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

1. Identification of course:

- 1.1 Course prefix (subject area) and number: CS 389
- 1.2 Course title: Practicum in Computer Science

2. Current prerequisites/corequisites/special requirements:

A grade of "C" or better in CS 251 and consent of computer science department head.

3. Proposed prerequisites/corequisites/special requirements:

A grade of "C" or better in CS 351 and consent of Computer Science department head.

4. Rationale for the revision of prerequisites/corequisites/special requirements:

The revision of course prerequisites is consistent with replacing CS 251 with CS 351.

5. Effect on completion of major/minor sequence:

None

6. Proposed term for implementation:

Fall 2015

7. Dates of prior committee approvals:

Department of Computer Science

October 21, 2014

Ogden College Curriculum Committee

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October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

1. Identification of course:

- 1.1 Course prefix (subject area) and number: CS 396
- 1.2 Course title: Intermediate Software Project

2. Current prerequisites/corequisites/special requirements:

A grade of "C" or better in CS 251, ENG 307, and either COMM 161 or 145

3. Proposed prerequisites/corequisites/special requirements:

A grade of "C" or better in CS 351, ENG 307, and either COMM 161 or 145

4. Rationale for the revision of prerequisites/corequisites/special requirements:

The revision of course prerequisites is consistent with replacing CS 251 with CS 351.

5. Effect on completion of major/minor sequence:

None

6. Proposed term for implementation:

Fall 2015

7. Dates of prior committee approvals:

Department of Computer Science

October 21, 2014

Ogden College Curriculum Committee

December 4, 2014

Undergraduate Curriculum Committee

January 26, 2015

University Senate

October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

- 1. Identification of course:**
 - 1.1 Course prefix (subject area) and number: CS 446
 - 1.2 Course title: Interactive Computer Graphics
- 2. Current prerequisites/corequisites/special requirements:**

MATH 307 and CS 280 both with grades of “C” or better
- 3. Proposed prerequisites/corequisites/special requirements:**

MATH 307 and CS 339, both with grades of “C” or better
- 4. Rationale for the revision of prerequisites/corequisites/special requirements:**

The revision of course prerequisites is consistent with the renumbering of CS 280 to CS 339.
- 5. Effect on completion of major/minor sequence:**

None
- 6. Proposed term for implementation:**

Fall 2015
- 7. Dates of prior committee approvals:**

Department of Computer Science	October 21, 2014
Ogden College Curriculum Committee	December 4, 2014
Undergraduate Curriculum Committee	January 26, 2015
University Senate	

October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

1. Identification of course:

- 1.1 Course prefix (subject area) and number: CS 456
- 1.2 Course title: Artificial Intelligence

2. Current prerequisites/corequisites/special requirements:

CS 360 and CS 280, both with grades of “C” or better

3. Proposed prerequisites/corequisites/special requirements:

CS 360 and CS 339, both with grades of “C” or better

4. Rationale for the revision of prerequisites/corequisites/special requirements:

The revision of course prerequisites is consistent with the renumbering of CS 280 to CS 339.

5. Effect on completion of major/minor sequence:

None

6. Proposed term for implementation:

Fall 2015

7. Dates of prior committee approvals:

Department of Computer Science

October 21, 2014

Ogden College Curriculum Committee

December 4, 2014

Undergraduate Curriculum Committee

January 26, 2015

University Senate

Proposal Date: November 3, 2014

**College of Health and Human Services
Department of Family and Consumer Sciences
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Dr. Rich Patterson, rich.patterson@wku.edu, 745-4031

- 1. Identification of course:**
 - 1.1 Course prefix and number: HMD 472
 - 1.2 Course title: Strategic Management in the Hospitality Industry
- 2. Current prerequisites/corequisites/special requirements:** Prerequisites: FACS-313, HMD-354, MKT-220; Corequisite: HMD-470; Special requirement: Senior Standing
- 3. Proposed prerequisites/corequisites/special requirements:** Prerequisites: HMD-313, HMD-354, HMD-373; Corequisite: HMD-470; Special requirement: Senior Standing
- 4. Rationale for the revision of prerequisites/corequisites/special requirements:** MKT-220 (Basic Marketing Concepts) was replaced by HMD-373 (Tourism and Destination Marketing) for the Hospitality Management and Dietetics Program in 2009 but the prerequisite for this course did not get changed. FACS-313 (Practicum in Human Environment) was changed to HMD-313 (Practicum in Hospitality Management) in 2013 and this change was also not reflected in the prerequisites for this course. This is a housekeeping proposal to rectify these issues.
- 5. Effect on completion of major/minor sequence:** Not Applicable
- 6. Proposed term for implementation:** Fall 2015
- 7. Dates of prior committee approvals:**

Department of Family & Consumer Sciences	11/10/2014
CHHS Undergraduate Curriculum Committee	Dec. 5, 2014
UCC	Jan. 26 2015
University Senate	

Proposal Date: 2/10/2014

**College of Health and Human Services
Department of Public Health
Proposal to Revise PH365 Prerequisites
(Consent Item)**

Contact Person: Marilyn Gardner, marilyn.gardner@wku.edu; 270-745-5864

- 1. Identification of course:**
 - 1.1 Course prefix and number: PH 365
 - 1.2 Course title: Human Sexuality
- 2. Current prerequisites:** PH100 and junior standing
- 3. Proposed prerequisites:** None
- 4. Rationale for the revision of prerequisites:** Inclusion in Connections category of the Colonnade program.
- 5. Effect on completion of major/minor sequence:** None
- 6. Proposed term for implementation:** Fall 2015
- 7. Dates of prior committee approvals:**

Department of Public Health	11/24/2014
CHHS Undergraduate Curriculum Committee	Dec. 5, 2014
Undergraduate Curriculum Committee	January 26, 2015
University Senate	

Proposal Date: 11/21/2014

**College of Education and Behavioral Sciences
Psychology Department
Proposal to Revise Course Catalog Listing
(Consent Item)**

Contact Person: Steve Wininger, steven.wininger@wku.edu, 5-4421

1. Identification of course:

- 1.3 Course prefix (subject area) and number: PSY 299
- 1.4 Course title: Selected topics in psychology

2. Current course catalog listing:

PSY 299. SELECTED TOPICS IN PSYCHOLOGY (SEMINAR). (1-3) Prerequisite: PSY 100. Study and discussion focusing on various issues in psychology; topics will vary based on faculty and student interest. May be repeated for a total of up to six hours, with no more than three hours counted in the first 37 hours of a psychology major.

**3. Proposed course catalog listing:
(aim for 25 words or less)**

PSY 299. SELECTED TOPICS IN PSYCHOLOGY (SEMINAR). (1-3) Prerequisite: PSY 100. Study and discussion focusing on various issues in psychology; topics will vary based on faculty and student interest. May be repeated for a total of up to six hours, with no more than three hours counted in the psychology major.

4. Rationale for revision of the course catalog listing:

The current catalog listing refers to “the first 37 hours of a psychology major.” There are currently only 31 required hours for the psychology major. The new wording makes the description consistent with the current number of required hours in psychology and reduces the need for future revisions should the hours required for the major change again.

5. Proposed term for implementation: Fall 2015

6. Dates of prior committee approvals:

Department of Psychology	<u>11/21/2014</u>
CEBS College Curriculum Committee	<u>12/2/2014</u>
Undergraduate Curriculum Committee	<u>1/26/2015</u>
University Senate	_____

Proposal Date: 11/21/2014

**College of Education and Behavioral Sciences
Psychology Department
Proposal to Revise Course Catalog Listing
(Consent Item)**

Contact Person: Steve Wininger, steven.wininger@wku.edu, 5-4421

1. Identification of course:

- 1.1 Course prefix (subject area) and number: PSY 421
1.2 Course title: Psychology of early adolescence

2. Current course catalog listing:

PSY 421. PSYCHOLOGY OF EARLY ADOLESCENCE. (3) Prerequisites: PSY 100 and junior standing or permission of the instructor. Focuses on theory and research related to cognitive, personality, and social development in early adolescence. Theories are applied to important developmental contexts such as peers, families, and learning environments. Designed for students planning to meet middle grades certification requirements. Either PSY 421 or PSY 422, but not both, may be taken to satisfy the requirements of the psychology major or minor. PSY 421 may not be used to satisfy the Developmental Course Category restricted elective requirement of the major.

3. Proposed course catalog listing:

PSY 421. PSYCHOLOGY OF EARLY ADOLESCENCE. (3) Prerequisites: PSY 100 and junior standing or permission of the instructor. Focuses on theory and research related to cognitive, personality, and social development in early adolescence. Theories are applied to important developmental contexts such as peers, families, and learning environments. Designed for students planning to meet middle grades certification requirements. Either PSY 421 or PSY 422, but not both, may be taken to satisfy the requirements of the psychology major or minor.

4. Rationale for revision of the course catalog listing:

The current catalog listing refers to “the Developmental Course Category.” This category is no longer part of the psychology major. The new wording makes the description consistent with the current psychology major.

5. Proposed term for implementation: Fall 2015

6. Dates of prior committee approvals:

Department of Psychology

11/21/2014

CEBS College Curriculum Committee

12/2/2014

Undergraduate Curriculum Committee

1/26/2015

University Senate

Proposal Date: November 11, 2014

**College of Health and Human Services
Department of Social Work
Proposal to Revise Course Grade Type
(Consent Item)**

Contact Person: Dana Sullivan, dana.sullivan@wku.edu, 270-745-5313

1. Identification of proposed course

- 1.1 Course prefix and number: SWRK 480
- 1.2 Course title: Social Work Field Practicum I

2. Current course grade type: Standard Letter Grade

3. Proposed course grade type: Pass/Fail

4. Rationale for revision of course grade type:

The grading for SWRK 480 is being changed to Pass/Fail since the field instructor in the agency provides input on student progress related to the practice competencies required by the Council on Social Work Education. There are field instructors with varying levels of experience in this role. A pass/fail system allows a more consistent approach and allows the field instructor to focus more on teaching the application of knowledge, values and skills.

5. Proposed term for implementation: Fall 2015

6. Dates of prior committee approvals

Department of Social Work

November 21, 2014

CHHS Undergraduate Curriculum Committee

Dec. 5, 2014

Undergraduate Curriculum Committee

Jan. 26, 2015

University Senate

Proposal Date: November 11, 2014

**College of Health and Human Services
Department of Social Work
Proposal to Revise Course Grade Type
(Consent Item)**

Contact Person: Dana Sullivan, dana.sullivan@wku.edu, 270-745-5313

1. Identification of course:

- 1.1 Current course prefix and number: SWRK 482
- 1.2 Course title: Social Work Field Practicum II

2. Current course grade type: Standard Letter Grade

3. Proposed course grade type: Pass/Fail

4. Rationale for revision of course grade type:

The grading for SWRK 482 is being changed to Pass/Fail since the field instructor in the agency provides input on student progress related to the practice competencies required by the Council on Social Work Education. There are field instructors with varying levels of experience in this role. A pass/fail system allows a more consistent approach and allows the field instructor to focus more on teaching the application of knowledge, values and skills.

5. Proposed term for implementation: Fall 2015

6. Dates of prior committee approvals:

Department of Social Work

November 21, 2014

CHHS Undergraduate Curriculum Committee

Dec. 5, 2014

Undergraduate Curriculum Committee

Jan. 26, 2015

University Senate

Proposal Date: October 4, 2014

**College of Education and Behavioral Sciences
School of Teacher Education
Proposal to Revise Course Number
(Action)**

Contact Person: Dr. Jeanine Huss, (270)745-2293, jeanine.huss@wku.edu

1. Identification of proposed course

- 1.1 Course prefix (subject area) and number: EDU 300
- 1.2 Course title: Becoming an Effective Global Citizen
- 1.3 Proposed course number: EDU 200
- 1.4 **Prerequisites/requisites:** There are no prerequisites for this course.

- 2. Rationale for revision of course number:** This course is intended to help undergraduates learn skills needed to be successful in college and life. These skills, if learned the first few years of college, will greatly enhance a student's ability for success in college. Therefore, this course number should be lowered to help students who are Freshmen or Sophomores.

3. Proposed term for implementation: Summer 2015

4. Dates of prior committee approvals:

School of Teacher Education

October 21, 2014

CEBS College Curriculum Committee

December 4, 2014

Professional Education Council

January 29, 2015

Undergraduate-Curriculum-Committee

January 26, 2015

University Senate

Proposal Date: 11/21/2014

**College of Education and Behavioral Sciences
Department of Psychology
Proposal to Create a New Course
(Action Item)**

Contact Person: Elizabeth L. Jones, Elizabeth.jones@wku.edu 745-4414

1. Identification of proposed course:

- 1.1 Course prefix (subject area) and number: PSY 346
- 1.2 Course title: Foundations of Clinical and Community Behavioral Health
- 1.3 Abbreviated course title: Clinical Community Beh Health
(maximum of 30 characters or spaces)
- 1.4 Credit hours: 3 Variable credit No
- 1.5 Grade type: standard letter grade
- 1.6 Prerequisites: Declared minor in Clinical and Community Behavioral Health
- 1.7 Course description: Survey of basic knowledge, skills, and values appropriate for clinical and behavioral health professionals, and the agencies, roles and services provided. Field trips to agency sites will be required. Students are responsible for arranging their own transportation.

2. Rationale:

- 2.1 Reason for developing the proposed course:

Grounding in approaches to service delivery and the knowledge and skills necessary for work in human service organizations is fundamental to preparation for work in the area of clinical and behavioral health. Clinical and community are used in the name of the course and minor to cover the mental health organizations along with the organizations that are focused more generally on improving the personal well-being of others (e.g., social welfare, housing, recreation, child care, etc.). The use of behavioral health terminology typically refers to the intrapersonal and interpersonal domains of functioning and distinguishes the services from those provided in the physical health or medical domains. This course will expose students to the basic skills and knowledge that cut across the human service disciplines of psychology, social work, counseling, gerontology, family and consumer services, and nonprofit administration, as well as orienting students to diverse types of human service organizations. The Department of Psychology is proposing a minor in clinical and community behavioral health and this course will be one of the courses offered in the community connections subcategory in which three hours are required. The proposed course was developed to meet the needs of students in the minor who are uncertain as to the discipline focus and/or the population focus they want to pursue. This course will provide a broad orientation to the various human service agencies providing clinical and behavioral health services. The other connections courses proposed for this category provide overviews within a specific discipline and are intended for students who have identified an area within which to focus. The proposed Foundations in Clinical and Community Behavioral Health course provides a wider focus

for students who may wish to explore different populations or settings within the clinical and behavioral health sector

The proposed course contributes to the preparations of students who are interested in careers in the field of human services and mental health. As such it furthers the vision of the Department of Psychology to offer and produce practitioner-scholars effectively prepared to serve WKU's service region. This course further supports the department in addressing two of the sub-goals of the American Psychological Association's (APA) Standards for Quality Undergraduate Education in Psychology by helping students to "apply psychological content and skills to career goals" and "develop meaningful professional direction for life after graduation." The proposed course meets the WKU Strategic Goal 3: Improve the quality of life of our communities by preparing students for work within the behavioral health field where national and regional shortages in behavioral health practitioners are noted (see U.S. Department of Health and Human Services, Health Resources and Services Administration [2013]; <http://hpsafind.hrsa.gov/HPSASearch.aspx>).

- 2.2 Projected enrollment in the proposed course: Expected enrollment is 15 – 20 students per offering based on anticipated enrollment in the minor. The course will initially be offered as an online On Demand offering until the course evidences sufficient numbers for a face-to-face course offering.
- 2.3 Relationship of the proposed course to courses now offered by the department: The Department of Psychology offers three courses with some similarity to this proposed course. The PSY 445 Introduction to Clinical and School Psychology has a narrow focus on two applied areas of psychology that require graduate degrees for entry level practice. The PSY 470, Psychology and Law, focuses on the interface of psychology with the legal system. The proposed course is for roles requiring only a baccalaureate preparation and has a broader and more general scope as it focuses on practice in community and clinical human service organizations. The PSY 390, Field Experience in Psychology, is restricted to students in the psychology major or minor who also meet a 2.5 GPA requirement. This course is primarily a field practice or internship type of course with seminar meetings. It only provides an abbreviated overview of bachelor's level positions in the human service sector in one of the seminar meetings. In addition, the PSY 390 focuses on applying knowledge gained in the major or minor to a field setting and gaining an in-depth experience in one organization rather than across organizations. The PSY 345, Clinical and Community Behavioral Health, differs from these other psychology courses in both content, scope, and purpose. All of these courses evidence some similarities in that they prepare students in various ways about professional practice within various clinical and community behavioral health areas.
- 2.4 Relationship of the proposed course to courses offered in other departments: As noted in section 2.3, this course is similar to courses that are offered in other departments, however it offers broader coverage with more limited scope within any one discipline, population of focus, or type of organization. There are three courses offered by Social Work department that were identified to be similar to the proposed course: SWRK 326,

Services for Older Americans, SWRK 356 Services for Juvenile Offenders and Their Families, and SWRK 436, Services for Children. As these course titles indicate, the courses are focused for particular populations. The proposed course provides a broader survey of populations, services and programs.

There are several other related courses that are at the 100 and 200 course level and that provide introductory coverage in areas included within the broad umbrella of clinical and community behavioral health. The Department of Family and Consumer Services offers FACS 180, Foundations in Family and Consumer Sciences, and FACS 291 Family, Community, and Early Childhood Program Partnerships. The Department of Social Work offers SWRK 101, Foundations of Human Services, and SWRK 205, Introduction to Social Work. The GERO 100, Introduction to the Aging Experience is offered by the Department of Diversity and Community Studies and the School of Kinesiology, Recreation and Sport offers REC 220, The Nonprofit Sector. These courses differ in their introductory focus, course level (100 and 200 level courses), and discipline specific perspective. The proposed course will focus on providing an integrated perspective to services and emphasize common skills, values and ethics used in clinical and behavioral health.

2.5 Relationship of the proposed course to courses offered in other institutions:

A review of course offerings at WKU's 18 benchmark institutions noted somewhat similar courses at four of these institutions. Middle Tennessee State University offers a similar course in their Department of Psychology. The PSY 4110 - Issues and Ethics in Mental Health Services, provides an overview of mental health services, programs, and ethics for the bachelor's level graduate. Northern Illinois University offers a Bachelor of General Studies degree in Health and Human Sciences that is inclusive of mental health services. This program offers UHHS 310, Introduction to Health and Human Services which is an overview of health and human service organizations, professional practices and ethics. Towson State offers a course entitled Preparing Human Service Workers – Pre-Internship in the major in Family Studies and Human Services offered by the Family Studies and Community Development Department. This course provides an overview of ethical and professional competencies for human service workers along with an overview of programs and services. Ohio University offers an Integrated Health Care Studies Major which offers a course HST 100, Introduction to Human Services Technology. This course covers ethics, principles of care, and models of service delivery for mental health, social services, and corrections professionals. The general purpose of the courses presented above is to provide each respective major with a course that focuses on the bachelor's level professional roles, professional practices and the organizations within which they work.

Within Kentucky, two of the seven institutions offer somewhat similar courses. Northern Kentucky offers a Counseling and Humans Services Major and that major offers one similar course: HSR 100, Orientation to Mental Health/Human Services. This course covers roles, attitudes and values of mental health/human service professionals. Lindsey Wilson College offers a Human Services and Counseling major with two courses that address similar content. The HS 2103, Introduction to Human Services provides an

overview of roles human service workers provide, helping disciplines, and employing organizations. The HS 3003, Human Service Foundations and Issues provides current issues and models of service provision.

As can be seen, similar courses are offered in a variety of departments and programs across the universities reviewed which reflects the interdisciplinary nature of the human service and behavioral health practice at the bachelor degree level. The PSY 435, Foundations in Clinical and Community Behavioral Health is not unique in content and focus in comparison to courses offered in benchmark institutions. Nor is this type of course highly unusual.

3. Discussion of proposed course:

- 3.1 Schedule type: Lecture/Lab
- 3.2 Learning Outcomes: At conclusion of the course, the students will be able to:
 - o Describe the basic approaches to intervention/improving the well-being of others and identify programs and agencies employing each approach.
 - o Demonstrate an understanding of personal values and the impact they have on professional practices in the human services sector.
 - o Demonstrate an understanding of different types of human service organizations including roles of professionals, range of services offered and organizational values.
 - o Discuss the expectations of professionals in the human service sector with regard to diversity issues.
 - o Describe the helping process and characteristics of effective helpers.
 - o Describe legal and ethical issues that impact organizations and professionals.
- 3.3 Content outline:
 - o Overview of human service organizations
 - Types of organizations
 - Approaches to and types of services
 - Professional disciplines and roles
 - o Expectations and values of human service professionals
 - Self-awareness
 - Interpersonal skills
 - Characteristics of effective helpers
 - Sensitivity to and respect for diversity
 - Personal challenges
 - o Ethical and legal issues
 - Ethical practice across agencies and disciplines
 - Ethical issues
 - Legislative and legal requirements
 - Ethical decision making
- 3.4 Student expectations and requirements: Students will be evaluated on their:
 - o Exams over course readings and assignments
 - o Performance completing assignments
 - o Reflection papers on self-assessments and field assignments

- 3.5 Tentative texts and course materials:
Alle-Corliss, L. & Alle-Corliss, R. (2006). *Human service agencies. An orientation to fieldwork 2nd edition*. Belmont, CA: Thompson Learning.

Neukrug, E. (2013) *Theory, practice, and trends in human services, 5th edition*. Belmont, CA: Brooks/Cole – Cengage Learning.

Woodside, M. & McClam, T. (2015). *An Introduction to the human services, 8th Edition*. Belmont, CA: Brooks/Cole - Cengage Learning

4. Resources:

- 4.1 Library resources: Adequate
4.2 Computer resources: Adequate

5. Budget implications:

- 5.1 Proposed method of staffing: There are three faculty members of the Department of Psychology who could teach this course. The course will initially be offered as an online On Demand course until the course evidences sufficient numbers for a face-to-face course offering.
5.2 As the course will be offered online as an On Demand offering, it will minimally impact current offerings in the department.
5.3 Special equipment needed: Not applicable
5.4 Expendable materials needed: Not applicable
5.5 Laboratory materials needed: Not applicable

6. Proposed term for implementation: Fall 2015

7. Dates of prior committee approvals:

Department of Psychology	<u>11/21/2014</u>
CEBS College Curriculum Committee	<u>12/2/2014</u>
Undergraduate Curriculum Committee	<u>1/26/2015</u>
University Senate	

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Create a New Course
(Action Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

1. Identification of proposed course:

- 1.1 Course prefix (subject area) and number: CS 351
- 1.2 Course title: Database Management Systems I
- 1.3 Abbreviated course title: Database Mgt Systems I
- 1.4 Credit hours: 3 Variable credit (yes or **no**)
- 1.5 Grade type: standard letter grade
- 1.6 Prerequisites/corequisites:
CS 221 with a grade of "C" or better
- 1.7 Course description:
An introduction to relational database management systems and their applications.
Topics include relational model, relational algebra, SQL, indexes, security, integrity rules, effective database design methods, and database applications.

2. Rationale:

- 2.1 Reason for developing the proposed course:
This course will replace CS 251 Introduction to Database Systems. The new upper level course number is consistent with the ongoing restructuring of the computer science undergraduate program. Also, the majority of students taking CS 251 (90% in Spring 2014) have at least junior status.
- 2.2 Projected enrollment in the proposed course:
The estimated demand for this course is one section of 20-40 students per year, based on previous demand for CS 251.
- 2.3 Relationship of the proposed course to courses now offered by the department:
CS 351 will provide the foundation for students taking CS 443 (Database Management Systems II), which covers many theoretical topics, such as relational algebra, transaction management, consistency maintenance and database recovery.
- 2.4 Relationship of the proposed course to courses offered in other departments:
CIT offers Database Administration I (CIT 350) and Database Administration II (CIT 352). They focus on database applications for business use. Geography/Geology offers GEOG 443 GIS Databases. This course focuses on the ESRI Geodatabase model in ArcGIS desktop software along with spatial database engines used with database management systems software.
- 2.5 Relationship of the proposed course to courses offered in other institutions:

The Computer Science program at Western Kentucky University will follow the same accreditation standards and model curriculum guidelines as other Computer Science programs in the U.S. Eastern Kentucky University offers Database Systems (CSC 313), Ball State University offers Database Design (CS 346), and Appalachian State University offers Introduction to Database Systems (CS 3430).

3. Discussion of proposed course:

3.1 Schedule type:

L

3.2 Learning Outcomes:

- Understand the role of a database management system in an organization.
- Understand basic database concepts, including the structure and operation of the relational data model.
- Understand and apply basic database design principles, including E-R diagrams and database normalization.
- Construct database queries using Structured Query Language (SQL).
- Apply database programming techniques in problem solving.
- Understand database security and administration.

3.3 Content outline:

- Database approach concepts and database environment
- The relational data model and constraints
- Relational algebra
- Entity-Relationship (E-R) modeling
- Normalization
- Structured Query Language and database programming techniques
- Database security and administration

3.4 Student expectations and requirements:

Course grades will be determined by student performance on class activities, projects, assignments and examinations.

3.5 Tentative texts and course materials:

Concepts of Database Management, 7th Edition, Philip J. Pratt/Joseph J. Adamski, ISBN-10: 1111825912, ISBN-13: 9781111825911

4. Resources:

4.1 Library resources: Present library holdings are sufficient.

4.2 Computer resources: University computing resources are sufficient.

5. Budget implications:

5.1 Proposed method of staffing: The present number of computer science faculty is sufficient.

5.2 Special equipment needed: None

5.3 Expendable materials needed: None

5.4 Laboratory materials needed: None

6. Proposed term for implementation:
Fall 2015

7. Dates of prior committee approvals:

Department of Computer Science

November 20, 2014

Ogden College Curriculum Committee

December 4, 2014

Undergraduate Curriculum Committee

January 26, 2015

University Senate

Proposal Date: February 03, 2014

**Ogden College of Science and Engineering
Department of Physics & Astronomy
Proposal to Create a New Course
(Action Item)**

Contact Person: Sanju Gupta, sanju.gupta@wku.edu, (270) 745-5940

1. Identification of proposed course:

- 1.1** Course prefix and number: **PHYS 425**
- 1.2** Course title: **Physics of Materials Science**
- 1.3** Abbreviated course title: **Phys Mat Sci**
- 1.4** Credit hours and contact hours: **3**
- 1.5** Type of course: **C**
- 1.6** Prerequisite(s): **PHYS321, MATH 237**
- 1.7** Corequisite(s): **PHYS440, MATH 331**
- 1.8** **Course catalog listing:** This course investigates the fundamental quantum physics of bonding, energetics and structure that underpins the foundation of the physics of materials. The physical properties of nanomaterials and their corresponding applications will be explored using the principles of quantum physics. Materials examined include engineered metal alloys, electronic and magnetic materials, ionic and network solids, ceramics, polymers, and biomaterials at all length scales.

2. Rationale:

- 2.1** **Reason for developing the proposed course:** Students will benefit from a course on novel materials complemented with nanotechnology applications. They will obtain the knowledge and skills necessary for work at academic research laboratories, national laboratories and industrial facilities using state-of-the art procedures to produce: synthetic nanomaterials, electro-ceramics, multiferroics, stronger composites with polymers, and energy harvesting structures. This course will allow students to be exposed to and become knowledgeable about the rapidly growing area of the quantum properties of materials, especially students who are interested in pursuing graduate studies in physics and materials science.
- 2.2** **Projected enrollment in the proposed course:** 6-8 students per offering based on previous enrollment in Solid-State Physics course.
- 2.3** **Relationship of the proposed course to courses now offered by the department:** The proposed course builds on the basic concepts discussed in PHYS 321 and PHYS 440. However, there is only a minimal overlap between the content of PHYS 425 and that of any other physics course currently offered by the department. This course will be offered on a rotating basis *i.e.* every other Fall or Spring semester.
- 2.4** **Relationship of the proposed course to courses offered in other departments:** This course in the physics of materials science focuses on the detailed quantum structural and physical properties of technologically significant materials at all length scales: from bulk solids to low-dimension or nanoscale materials. It complements the chemistry course, CHEM 490 Materials Chemistry in the Department of Chemistry, by providing a quantum physics approach to materials formation and function using MATH 237 tools. Since the proposed course will be offered on alternative Spring odd years, it will be considered as an equivalent elective to CHEM 490 for students in the physics major.

2.5 Relationship of the proposed course to courses offered in other institutions: A course on the physics of materials is offered in the Department of Physics and/or Department of Materials Science & Engineering at several universities in the United States, MIT and Cornell offer a physics of materials and a solid state course for undergraduate physics majors. MTSU specializes in digital electronic material devices and solid state materials, UK has a series of courses on materials in engineering, chemistry and physics. Students who are interested in research experience through the summer NSF-REU programs at other institutions will be better prepared through this course.

3. Discussion of proposed course:

3.1 Course objectives: This course is designed to study the quantitative aspects of novel materials and their applications. Upon completion of this course, the students will acquire a calculus based quantitative understanding of the structural and physical properties of both the traditional and technologically important advanced functional materials at the nanoscale to help meet the demands of our modern digital age and the wide range of high-tech applications.

3.2 Content outline: A general framework from the abovementioned textbook is as follows:

- ❖ **Atomic Structure and Interatomic Bonding**
- ❖ **The Structure of Crystalline and Non-crystalline Solids**
- ❖ **Solidification, Crystalline imperfections/defects, and Diffusion in Solids**
- ❖ **Phase Diagrams and Phase Equilibrium** (of unary and multi-component systems and Gibbs phase rule)
- ❖ **Types of Nanomaterials and Applications** 0D (quantum dots), 1D (nanotubes), 2D (planar sheets), 3D (mesoscopic), hybrid systems, Energy and biological-related applications
- ❖ **Electrical and Thermal Properties of Bulk Solids and Nanomaterials**
- ❖ **Semiconductor Materials** (Electronic Properties)
- ❖ **Ceramic Materials** (traditional and advanced electro-ceramics, silicate structures) their processing and physical properties
- ❖ **Polymeric Materials** (types of polymers, polymerization reactions and deformation, advanced polymers, soft- and bio-materials)
- ❖ **Magnetic Materials** (dia-, para-, ferro-, antiferro-, ferri-), soft and hard magnets, magnetic storage, superconductivity and topological insulators
- ❖ **Optical Properties** (basics include electromagnetic radiation and light interaction with solids – absorption, reflection, refraction, and transmission, applications of optical phenomena – photoluminescence and stimulated emission of radiation *i.e.* lasers, metamaterials)
- ❖ **Composite Materials** (particulate- and fiber-reinforcements forming bulk and nanoscale composites) and **Mechanical Properties**
- ❖ **Modification of Physical Properties Through Changes in Environment and Microstructure** thus establishing *Property-Microscopic structure-Processing-Functionality* relationship

3.3 Student expectations and requirements:

Performance will be evaluated based upon examinations, classroom discussion, field trips, and term paper presentation.

- 3.4 *Materials Science and Engineering: An Introduction* by William D. Callister Jr. and David G. Rethwisch, 9th Ed. John Wiley & Sons, Inc. New York, 2013. ISBN-10: 1118324579 | ISBN-13: 978-1118324578.

Bibliography:

Introduction to Materials Science for Engineers, James F. Shackelford, 7th Ed. Prentice-Hall, Upper Saddle River, New Jersey, 2008.

Principles of Materials Science and Engineering, William F. Smith, McGraw-Hill, Inc. 3rd Ed. New York, 1999.

4. Resources:

- 4.1 Library resources: See attached library resource form and bibliography.
4.2 Computer resources: No new additional resources required.

5. Budget implications:

- 5.1 Proposed method of staffing: Existing faculty will teach this course.
5.2 Special equipment needed: None
5.3 Expendable materials needed: None
5.4 Laboratory materials needed: None

6. Proposed term for implementation: Fall 2015

7. Dates of prior committee approvals:

Department of Physics & Astronomy _____ March 31, 2014_____

Ogden College Curriculum Committee _____ December 4, 2014__

Undergraduate Curriculum Committee _____ January 26, 2015_____

University Senate _____

Attachment: Bibliography, Library Resources Form, Course Inventory Form

Proposal Date: November 3, 2014

College of Health and Human Services
Social Work
Proposal to Create a New Course
(Action Item)

Contact: Gayle Mallinger, gayle.mallinger@wku.edu, 270-745-3535

1. Identification of proposed course:

- 1.1 Course prefix and number: SWRK 357
- 1.2 Course title: Case management
- 1.3 Abbreviated course title: Case management
- 1.4 Credit hours: 3 Variable credit (yes or no); No
- 1.5 Grade type: Standard Letter Grading
- 1.6 Prerequisites/corequisites: None
- 1.7 Course description: This course introduces students to the fundamental aspects of case management (service coordination), including common case management roles, processes, responsibilities, and employment challenges. Major content areas include: case management roles (including advocate, broker, resource coordinator), the roles and responsibilities of the multidisciplinary team (including nurses, social worker, physicians, and other disciplines), case management with special populations (forensic, geriatric, children, diverse populations), and the responsibilities of a case manager working in health care and mental health settings. Students will be introduced to the employment challenges of case management (types of programs that hire case managers, workforce retention issues, expectations of case manager, and job satisfaction). Students will develop familiarity with how case managers and clients interface with individual, group, and family systems. Students will develop knowledge of case management ethics and explore common ethical dilemmas and boundaries issues that confront case managers.

2. Rationale:

- 2.1 Reason for developing the proposed course:
SWK 357 will serve as an online elective course in the BSW program. The person-in-environment perspective is a guiding principle of social work. This course enhances the generalist perspective by providing students with the opportunity to develop knowledge and skills in assessment, planning, intervention, and evaluation. In addition, the course offers students the opportunity to use inter-professional collaboration appropriately in concurrence with proposed 2015 CSWE accreditation standards. CHHS is witnessing a growing interest in undergraduate courses that are interdisciplinary in nature and address service coordination among providers in various fields to best serve client systems. Thus, in addition to serving BSW students, this course will provide any undergraduate student interested in case management a potential elective.
- 2.2 Projected enrollment in the proposed course: 20-25 students
- 2.3 Relationship of the proposed course to courses now offered by the department:
Case management may be discussed in Social Work Practice I and Interviewing classes (SWRK 375, SWRK 379); however, in contrast, SWRK 357 provides an extended

exploration on the topic. The BSW program tries to provide electives that focus on a variety of specialized topics to help further develop students for anticipated jobs after graduation.

- 2.4 Relationship of the proposed course to courses offered in other departments:
There are several undergraduate programs and certificates in CHHS that lend themselves to using the proposed course in Case Management for Advisor Consent Electives. For example, the Family Home Visiting certification requires 6 hours of approved electives and this proposed course would be an excellent fit. In addition, CHHS is exploring a certification in Patient Navigation, and this course would be an encouraged elective.
- 2.5 Relationship of the proposed course to courses offered in other institutions:
Other BSW programs throughout the United States offer courses in case management. The University of Pittsburgh offers SOCWRK 1009, a 3 credit case management course. In addition, one of our benchmark institutions, Towson University, offers FMST (Family Studies) 430: Case Management for Family and Human Services.

3. Discussion of proposed course:

- 3.1 Schedule type: S
- 3.2 Learning Outcomes:
- Explain case management roles, responsibilities, and processes
 - Explain ecological-systems as a theoretical base for case management across populations and settings
 - Demonstrate an awareness of and an ability to manage personal values that may impede ability to deliver professionally appropriate services (EP2.1.1; EP 2.1.2).
 - Demonstrate an awareness of and sensitivity to diversity and oppression within and among systems based on age, race, ethnicity, gender, ability, or sexual orientation (EP 2.1.4; 2.1.5).
 - Demonstrate the ability to analyze complex cases and identify how case management can be utilized as an intervention
 - Demonstrate the ability to utilize assessment skills in developing a service plan
- 3.3 Content outline: The syllabus will include the following topics:
- What is Case Management?
 - Ecological perspectives
 - Diversity issues
 - Ethical Considerations
 - Attitudes
 - Boundaries
 - Appropriate Responses to Client Systems
 - Listening and Responding
 - Addressing anger
 - Documentation
 - Initial Interviews
 - Assessment
 - Confidentiality
 - HIPPA
 - Release of Information
 - Service Planning
 - Conferencing

- Leadership skills
 - Monitoring
 - Termination
- 3.4 Student expectations and requirements: Students will engage in class discussion, complete Blackboard assignments, complete exams based on course readings and lecture materials, reflection papers, case studies, and service plan paper.
- 3.5 Tentative texts and course materials:
- Text:
- Summers, Nancy. (2012). *Fundamentals of Case Management Practice*, 4th edition. Belmont, CA: Brooks-Cole.(WITH DVD) ISBN 1-111-87053-5
- Supplementary reading materials include:
- Abendstern, M., Hughes, J., Clarkson, P., Tucker, S., & Challis, D. (2013). Self-assessment processes within care management: Learning from pilot projects. *Journal Of Social Work*, 13(3), 267-286. doi:10.1177/1468017311431039
- Andrews, C. M., Darnell, J. S., McBride, T. D., & Gehlert, S. (2013, May). Social Work and Implementation of the Affordable Care Act. *Health & Social Work*. pp. 67-71.
- Craig, S. L., & Calleja Lorenzo, M. (2014). Can Information and Communication Technologies Support Patient Engagement? A Review of Opportunities and Challenges in Health Social Work. *Social Work in Health Care*, 53(9), 845-864. doi:10.1080/00981389.2014.936991
- Gratwick, S., Jihanian, L. J., Holloway, I. W., Sanchez, M., & Sullivan, K. (2014). Social Work Practice with LGBT Seniors. *Journal of Gerontological Social Work*, 57(8), 889-907. doi:10.1080/01634372.2014.885475
- Mas-Expósito, L., Amador-Campos, J., Gómez-Benito, J., & Lalucat-Jo, L. (2014). Depicting current case management models. *Journal of Social Work*, 14(2), 133-146. doi:10.1177/1468017313477296
- Rowe, J. M., & Rizzo, V. M. (2013). The Contribution of Practice Skills in a Care Management Process for Family Caregivers. *Journal of Gerontological Social Work*, 56(7), 623-639. doi:10.1080/01634372.2013.817497
- Shaw, S. A. (2014). Bridge Builders: A Qualitative Study Exploring the Experiences of Former Refugees Working as Caseworkers in the United States. *Journal of Social Service Research*, 40(3), 284-296. doi:10.1080/01488376.2014.901276
- Slesnick, N., Glassman, M., Katafiasz, H., & Collins, J. C. (2012). Experiences Associated with Intervening with Homeless, Substance-abusing Mothers: The Importance of Success. *Social Work*, 57(4), 343-352. doi:10.1093/sw/sws025

Yerushalmi, H., & Lysaker, P. H. (2014). The Recovery Approach to Rehabilitation: Implementation in Supervision. *Journal Of Social Work Practice*, 28(1), 59-73.
doi:10.1080/02650533.2013.828277

4. Resources:

- 4.1 Library resources: Library resources are adequate for this course as explained on the Library resources form
- 4.2 Computer resources: Uses Blackboard and Tegrity. Both have appropriate level of support needed for this course.

5. Budget implications:

- 5.1 Proposed method of staffing: Part of faculty workload or winter/summer DELO offering.
- 5.2 Special equipment needed: N/A
- 5.3 Expendable materials needed: N/A
- 5.4 Laboratory materials needed: N/A

6. Proposed term for implementation: Fall 2015

7. Dates of prior committee approvals:

Department of Social Work

Nov. 21, 2014

CHHS Undergraduate Curriculum Committee

Dec. 5, 2014

Undergraduate Curriculum Committee

January 26, 2015

University Senate

Proposal Date: October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise A Program
(Action Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

1. Identification of program:

- 1.1 Current program reference number:
629P (seeking admission)
629 (officially admitted)
- 1.2 Current program title:
Major in Computer Science
- 1.3 Credit hours: 44-50

2. Identification of the proposed program changes:

- Change the course numbers for CS 181, CS 280, and CS 380
- Replace CS 251 with CS 351.

3. Detailed program description:

The major in computer science requires a minimum of 44 semester hours. To be admitted to the computer science major, students must complete CS 180, 181, and CS 280 with grades of C or better. In addition, all CS courses counting toward the CS program major must be completed with a grade of “C” or better. Computer Science electives may include from 0-6 hours of 200-level courses. Students must adhere to all University Policies as indicated in the WKU catalog section “Academic Information.” Additional requirements are as follows:	The major in computer science requires a minimum of 44 semester hours. To be admitted to the computer science major, students must complete CS 180, 221, and CS 339 with grades of C or better. In addition, all CS courses counting toward the CS program major must be completed with a grade of “C” or better. Computer Science electives may include from 0-6 hours of 200-level courses. Students must adhere to all University Policies as indicated in the WKU catalog section “Academic Information.” Additional requirements are as follows:
Systems/Scientific Applications Concentration 1. 50 hours are required including 47 hours of computer science courses and 3 hours of STAT 301. 2. ENG 307, MATH 136, and PHIL 215 are required. 3. Completion of these 11 CS core courses (35 credit hours): CS 180, 181, 251, 280, 325, 360, 380, 382, 396, 425, and 496. 4. Completion of 12 hours of CS electives from the following courses: CS 370, 381, 443, 445, 446, 450, and 456. 5. Completion of 2 courses from the following list:	Systems/Scientific Applications Concentration 1. 50 hours are required including 47 hours of computer science courses and 3 hours of STAT 301. 2. ENG 307, MATH 136, and PHIL 215 are required. 3. Completion of these 11 CS core courses (35 credit hours): CS 180, 221, 339, 325, 351, 360, 382, 396, 421, 425, and 496. 4. Completion of 12 hours of CS electives from the following courses: CS 370, 381, 443, 445, 446, 450, and 456.

MATH 127, 137, 305, 307, 331, 405, 406, 470 and 473. 6. Completion of one year of a laboratory science (a two semester sequence of the same science) and one additional science course. All must be designed for Science/Engineering majors. 7. One additional course from the above list of MATH courses (this course may not be used to satisfy any other CS major degree requirement) or one additional science course designed for science/engineering majors.	5. Completion of 2 courses from the following list: MATH 127, 137, 305, 307, 331, 405, 406, 470 and 473. 6. Completion of one year of a laboratory science (a two semester sequence of the same science) and one additional science course. All must be designed for Science/Engineering majors. 7. One additional course from the above list of Mathematics courses (this course may not be used to satisfy any other CS major degree requirement) or one additional science course designed for science/engineering majors.
Any Minor Option 1. 44 hours of computer science courses are required. 2. ENG 307, MATH 136, STAT 301, and PHIL 215 are required. 3. Completion of these 11 CS core courses (35 credit hours): CS 180, 181, 251, 280, 325, 360, 380, 382, 396, 425, and 496. 4. Completion of an additional 9 hours of CS electives at the 200-level or above (excluding CS 226 and 257) including 3 hours at the 400-level and another 3 hours at the 300-level or higher. Note: At most 1.5 hours of credit for CS 239 may count towards the major. At most 3 hours of credit for CS 239 and 245 (only for languages for which credit is not received through another course) may count towards the major. 5. Completion of any additional minor/major.	Any Minor Option 1. 44 hours of computer science courses are required. 2. ENG 307, MATH 136, STAT 301, and PHIL 215 are required. 3. Completion of these 11 CS core courses (35 credit hours): CS 180, 221, 339, 325, 351, 360, 382, 396, 421, 425, and 496. 4. Completion of an additional 9 hours of CS electives at the 200-level or above (excluding CS 226 and 257) including 3 hours at the 400-level and another 3 hours at the 300-level or higher. Note: At most 1.5 hours of credit for CS 239 may count towards the major. At most 3 hours of credit for CS 239 and 245 (only for languages for which credit is not received through another course) may count towards the major. 5. Completion of any additional minor/major.
Specialty Concentration 50 hours of computer science courses are required. 1. ENG 307, MATH 136, STAT 301, and PHIL 215 are required. 2. Completion of these 13 CS core courses (41 credit hours): CS 180, 181, 251, 280, 325, 360, 380, 381, 382, 396, 425, 443, and 496. 3. An additional 18 hours of specialty courses, selected in consultation with a CS advisor, not used to satisfy specific other graduation requirements for the CS major or for the Colonnade Program, including 9 hours of which are at the 300 level or above. 4. Completion of an additional 9 hours of CS electives at the 200-level or above (excluding CS 226 and 257) including 3 hours at the 400-level	Specialty Concentration 1. 50 hours of computer science courses are required. 2. ENG 307, MATH 136, STAT 301, and PHIL 215 are required. 3. Completion of these 13 CS core courses (41 credit hours): CS 180, 221, 339, 325, 351, 360, 381, 382, 396, 421, 425, 443, and 496. 4. An additional 18 hours of specialty courses, selected in consultation with a CS advisor, not used to satisfy specific other graduation requirements for the CS major or for the Colonnade Program, including 9 hours of which are at the 300 level or above. 5. Completion of an additional 9 hours of CS electives at the 200 level or above (excluding CS

and another 3 hours at the 300-level or higher. Note: At most 1.5 hours of credit for CS 239 may count towards the major. At most 3 hours of credit for CS 239 and 245 (only for languages for which credit is not received through another course) may count towards the major.	226 and 257) including 3 hours at the 400 level and another 3 hours at the 300 level or higher. Note: At most 1.5 hours of credit for CS 239 may count towards the major. At most 3 hours of credit for CS 239 and 245 (only for languages for which credit is not received through another course) may count towards the major.
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4. Rationale for the proposed program change:

The program revision reflects replacing CS 251 with CS 351 and the renumbering of CS 181 as CS 221, CS 280 as CS 339, and CS 380 as CS 421.

5. Proposed term for implementation and special provisions (if applicable):

Fall 2015

6. Dates of prior committee approvals:

Department of Computer Science

October 21, 2014

Ogden College Curriculum Committee

December 4, 2014

Undergraduate Curriculum Committee

January 26, 2015

University Senate

Proposal Date: October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise a Program
(Action Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

1. Identification of program:

- 1.1 Current program reference number: 341
- 1.2 Current program title: Minor in Computer Science
- 1.3 Credit hours: 23

2. Identification of the proposed program changes:

- Change the course numbers for CS 181 and CS 280
- Replace CS 251 with CS 351
- Delete the additional requirements
- Change number of credit hours from 23 to 20

3. Detailed program description:

The following 23 credit-hour program leads to a minor in computer science. All CS courses counting toward the CS program minor must be completed with a grade of “C” or better: 1. Completion of the following 11 credit hours: CS 180, 181, and 251 or 280. 2. Completion of at least 12 hours of CS courses at the 300-level or higher. 3. Completion of: MATH 119 or MATH 136, and PHL 215.	The following 20 credit-hour program leads to a minor in computer science. All CS courses counting toward the CS program minor must be completed with a grade of “C” or better. 1. Completion of the following two required courses (8 hours): CS 180 and CS 221 2. Completion of the one of the following courses (3 hours): CS 339 or CS 351 3. Completion of 9 additional hours of CS courses at the 300-level or higher.
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4. Rationale for the proposed program change:

The revision of the program is consistent with replacing CS 251 with CS 351 and with renumbering CS 181 as CS 221 and CS 280 as CS 339. To encourage more students to pursue the CS minor, the minimum requirements has been reduced to 20 hours. At University of Kentucky, the minor in Computer Science requires a minimum of 20 hours of course work in CS; at the University of Alabama minor in Computer Science requires a minimum of 18 hours of course work in CS; at Miami University minor in Computer Science requires a minimum of 18 hours of course work in CS.

5. Proposed term for implementation and special provisions (if applicable):

Fall 2015

6. Dates of prior committee approvals:

Department of Computer Science

October 21, 2014

Ogden College Curriculum Committee

December 4, 2014

Undergraduate Curriculum Committee

January 26, 2015

University Senate

Proposal Date: 10/20/2014

**College of Health and Human Services
School of Nursing
Proposal to Revise a Program
Action Item**

Contact Person: Audrey Cornell, audrey.cornell@wku.edu, 745-3656

1. Identification of program:

- 1.1 Current program reference number: 586
- 1.2 Current program title: Bachelor of Science in Nursing
- 1.3 Credit hours: 58 credit hours

2. Identification of the proposed program changes:

- Delete AH 290 as a prerequisite course for the BSN program
- Reflect addition of one hour each to N422 and N343 courses increasing the Nursing Program credit hours from 58 to 60

3. Detailed program description:

Required Pre-Requisite Support Courses for the Bachelor of Science in Nursing Degree

Current Courses

Revised Courses

Prefix	#	Course Title	Hr		Prefix	#	Course Title	Hr
Math	116	College Algebra	3		Math	116	College Algebra	3
BIOL	131	Human Anatomy & Physiology I	4		BIOL	131	Human Anatomy & Physiology I	4
BIOL	231	Adv Human Anatomy and Physiology	4		BIOL	231	Adv Human Anatomy and Physiology	4
PSY/ PSYS	220	Intro to Dev Psych	3		PSY/ PSYS	220	Intro to Dev Psych	3
AH	290	Medical Terminology	2		AH	290	Medical Terminology	2
NURS	102	Intro to Professional Nursing	3		NURS	102	Intro to Professional Nursing	3
CHEM	109	Chemistry for the Health Sciences	4		CHEM	109	Chemistry for the Health Sciences	4
BIOL	207	General Micro	3		BIOL	207	General Micro	3
BIOL	208	General Micro Lab	1		BIOL	208	General Micro Lab	1
HMD	211	Human Nutrition	3		HMD	211	Human Nutrition	3
Statistics Course		Selected from these courses: ECON 206 Statistics MATH 183 Introductory Statistics PH 383 Biostatistics in the Health Sciences	3		Statistics Course		Selected from these courses: ECON 206 Statistics MATH 183 Introductory Statistics PH 383 Biostatistics in the Health Sciences	3

		PSY/PSYS 313 Statistics in Psychology (Note: PSY 301 was revised in Spring 2014 to PSY 313.) SOCL 300 Using Statistics in Sociology SWRK 344 Social Work Statistics and Data Analysis					PSY/PSYS 313 Statistics in Psychology SOCL 300 Using Statistics in Sociology SWRK 344 Social Work Statistics and Data Analysis	
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The student must also have completed all requirements for general education (WKU Colonnade Program or approved general education certification transferred to WKU) prior to entry into the upper division BSN program.

Required Nursing Program Curriculum for a Bachelor of Science in Nursing Degree

Current Courses

Revised Courses

NURS	324	Patho for Nursing	3		NURS	324	Patho for Nursing	3
NURS	335	Health Assessment	3		NURS	335	Health Assessment	3
NURS	336	Health Assessment Lab	1		NURS	336	Health Assessment Lab	1
NURS	333	Fundamentals of Nursing	3		NURS	333	Fundamentals of Nursing	3
NURS	334	Clinical: Fundamentals of Nursing	2		NURS	334	Clinical: Fundamentals of Nursing	2
NURS	337	Health Promotion and Disease Prevention	3		NURS	337	Health Promotion and Disease Prevention	3
NURS	329	Concepts in Pharm I	2		NURS	329	Concepts in Pharm I	2
NURS	341	Medical-Surgical Nursing I	3		NURS	341	Medical-Surgical Nursing I	3
NURS	342	Clinical: M-S Nursing I	3		NURS	342	Clinical: M-S Nursing I	3
NURS	343	Mental Health Nursing	2		NURS	343	Mental Health Nursing	3
NURS	344	Clinical: Mental Health Nursing	1		NURS	344	Clinical: Mental Health Nursing	1
NURS	429	Concepts in Pharm II	2		NURS	429	Concepts in Pharm II	2
NURS	413	Nursing Research and Evidence Based Practice	3		NURS	413	Nursing Research and Evidence Based Practice	3
NURS	432	Medical-Surgical Nursing II	3		NURS	432	Medical-Surgical Nursing II	3
NURS	433	Clinical: Medical-Surgical Nursing II	3		NURS	433	Clinical: Medical-Surgical Nursing II	3
NURS	444	Maternal Child Nursing	4		NURS	444	Maternal Child Nursing	4
NURS	445	Clinical: Maternal Child Nursing	2		NURS	445	Clinical: Maternal Child Nursing	2
NURS	403	Nursing Leadership, Management/ Issues	4		NURS	403	Nursing Leadership, Management/Issues	4

NURS	421	High Acuity Nursing	3		NURS	421	High Acuity Nursing	3
NURS	422	Senior Practicum	3		NURS	422	Senior Practicum	4
NURS	448	Community Health Nursing	3		NURS	448	Community Health Nursing	3
NURS	449	Clinical: Community Health Nursing	2		NURS	449	Clinical: Community Health Nursing	2
TOTALS		Credit Hours	58		TOTALS		Credit Hours	60

4. Rationale for the proposed program change:

- There are a limited number of instructors available in AH to provide the 290 course to the growing number of pre-nursing students. The content in AH290 had been previously provided in the nursing courses and will be added back to the curriculum content. This provides the opportunity to add additional hours in the nursing major courses.
- The additional 2 hours available by dropping AH290 from the prerequisites provides the opportunity for additional needed coursework in 2 major nursing courses; N422 and N343.
- The N422 Senior Practicum course is currently a 3 credit hour senior capstone course that requires 120 mandated hours in a clinical setting. Clinical sites and preceptor availability are limited with competition from other schools, orientation of new hospital staff, and the current constraints in providing healthcare. This often limits the educational experience during the senior practicum and the ability to influence the application-based learning that needs to occur. Student feedback indicates a desire to increase the time in simulation to apply knowledge and practice skills. By adding the additional hour we will be able to incorporate additional simulations and national licensure preparation into the course.
- The N343 Mental Health course is currently a 2 credit hour course that builds skills in critical thinking, interpersonal communication with patients, families and other healthcare professionals and care for clients with mental issues across the lifespan. Mental Health is a core nursing competency that comprises a large percentage of the questions on the national licensure exam. Therapeutic communication is incorporated in all areas of nursing. The addition of an hour will allow more application-based learning in simulation, group work, and case study.
Mental Health is a 2 credit hour course in comparison with other nursing courses in the program of equal importance that are 3 credit hour (e.g. Fundamentals, Health Promotion, and Community Health). Given the number of patients in the US currently receiving mental health services and utilizing psychotherapeutic drugs (antidepressants, anti-anxiety and mood stabilizers) the student needs to be well-prepared with adequate time in this content.

5. Proposed term for implementation: Fall 2015

6. Dates of prior committee approvals:

School of Nursing BSN Curriculum Committee
School of Nursing BSN Prelicensure Program
CHHS Undergraduate Curriculum Committee
University Curriculum Committee
University Senate

September 19, 2014
October 17, 2014
December 5, 2014
January 26, 2015

**College of Health and Human Services
Dean's Office
Proposal to Create a New Certificate Program
(Action Item)**

Contact Person: Patricia Desrosiers, patricia.desrosiers@wku.edu (270) 745-4557

1. Identification of program:

- 1.1 Program title: Interdisciplinary Patient Navigator Certificate
- 1.2 Required hours in program: 19-23 depending on chosen courses
- 1.3 Special information: This interdisciplinary certificate program will be administered by the College of Health and Human Services.
- 1.4 Catalog description: The Interdisciplinary Patient Navigator Certificate will prepare students in the health care professions to effectively assist diverse clients to locate appropriate healthcare services, participate in healthcare decision-making, and understand medical vernacular and processes in the healthcare system. This program prepares students in the health care professions by increasing understanding of both the complexity of the US healthcare system and the diverse barriers and strengths of rural healthcare clients. Legal and ethical issues in healthcare provision are examined. Students completing this certificate will be prepared to work with patients in healthcare or community settings at all stages of the healthcare process including preventative care, maintaining a healthy lifestyle; diagnosis, treatment, and disease management; and adjustment to chronic illness or sometimes end of life. One of the required courses--HIM 100-- has additional requirements of 1) Liability Insurance, 2) Immunizations, 3) Drug Screen, 4) Criminal Background Check, 5) Professional Organization Membership. Some of these requirements may be met in other professional programs, and your Certificate Advisor can assist you with determining if the requirements are met. These requirements will cost about \$150 in most cases. The certificate requires 19-23 credit hours and requires the following core courses: CORE--HIM 100, AH 290, HIM 291, HIM 292, HCA 340, AND 1 course from EACH of the following 3 categories: (1) Legal Issues--HIM 225, SWRK 375, SWRK 433, or PH 447 (2) Collaboration--SWRK 357, NURS 400, or COMM 440, (3) Cultural Competency--CD 200, NURS 321, SWRK 330, HCA 347. Courses that apply to the certificate must be completed with a grade of "C" or better.
- 1.5 Classification of Instructional Program Code (CIP): 51.9999

2. Learning outcomes of the proposed certificate program:

Students completing the Interdisciplinary Patient Navigator Certificate will:

- Assist patients in navigating the complex US health care system.
- Enhance patients' health literacy and interpret health care information to meet patient needs.
- Practice effective cross cultural communication strategies with diverse patients.
- Coordinate patient care including appointment scheduling, care conferences, and encouraging interdisciplinary collaboration.
- Address barriers to healthcare access including physical, emotional, and financial ones.
- Adhere to professional boundaries in the navigator/patient relationship.
- Protect the confidentiality and privacy of patient information including HIPAA.
- Understand and utilize an effective ethical decision making model.
- Support positive patient changes in health behavior.

- Understand medical terminology and medical records content and structure.
- Provide emotional support and assistance during all phases of the healthcare process.

3. **Rationale:**

- 3.1 Reason for developing the proposed certificate program: The New Emerging Health Care Professions Committee was created by Dean Bonaguro in response to community requests for new programs. As an interdisciplinary group charged with exploring the possible options for new program creation, the committee relied on a literature review, a public roundtable event, and current programming at CHHS to guide them. The committee determined that the proposed interdisciplinary patient navigator certificate meets the needs of the citizens of Kentucky, the healthcare industry, and WKU health professions students as well as the mission of the CHHS.
- 3.2 Relationship of the proposed certificate program to other programs now offered by the department: There are currently no certificates housed at the dean's office.
- 3.3 Relationship of the proposed certificate program to certificate programs offered in other departments: The Communication Sciences and Disorders Department in CHHS offers a Cross Cultural Communication in Health Care Certificate. This certificate is interdisciplinary in nature and it focuses on preparing students to create, administer, and participate in language access programs in health care facilities. Their focus is on patients with limited English proficiency. The Interdisciplinary Patient Navigator Certificate is much broader in scope focusing on ensuring access and engagement of all health care patients in their care regardless of cultural background or English proficiency. While we include those clients as part of our population, any patient accessing healthcare services will be served by our graduates. CD 200 (Cross Cultural Communication in Health Care Encounters) in the CSD Cross Cultural Communication in Health Care Certificate is listed as meeting one of our requirements.
- 3.4 Projected enrollment in the proposed certificate program: Year: 15, Students from social work, public health, nursing, health information management, and health sciences are the targeted students to be enrolled. The established need for graduates with this skill set was demonstrated during the Roundtable Session where multiple health care administrators shared they prefer to hire graduates with this specific skill set already in place.
- 3.5 Similar certificate programs offered elsewhere in Kentucky and in other states (including programs at benchmark institutions): This patient navigator position on the cutting edge in health care. This is a new position that is only recently being implemented to cut healthcare costs, reduce healthcare access disparities, and provide a more patient centered healthcare system, and patient navigators have demonstrated practice effectiveness in several studies in various healthcare settings (Burhansstipanov, 2010; Christie, 2008, Chen, 2008, Han, 2009, & Wang, 2010). Graduates with the patient navigator skills developed with this certificate program will help meet the need identified by health care administrators in the state of Kentucky and across the US. Students may be drawn to WKU for this certificate as salaries for this position range from \$34,000 - \$50,000/year. No similar certificate programs in Kentucky or within our benchmark institutions were identified. There is an online Patient Navigator Training Collaborative which is free for Colorado residents, but costly for those residing outside Colorado (about \$400 per course.) For Level 2 patient navigators (the equivalent of our certificate) there are ten courses, nine of which are face-to-face. Cost of the courses (\$4,000) plus travel to Colorado for nine face-to-face courses (multiple trips including multiple overnight stays) would make this program cost prohibitive for most Kentucky residents.
(<http://patientnavigatortraining.org/>)
- 3.6 Relationship of the proposed certificate program to the university mission and objectives: "Western Kentucky University (WKU) prepares students of all backgrounds to be productive, engaged, and socially responsible citizen-leaders of a global society. The University provides research, service and lifelong learning opportunities for its students,

faculty, and other constituents. WKU enriches the quality of life for those within its reach.” (<http://www.wku.edu/about/>)

This proposed certificate program meets the university mission by offering an evidence-based and specialized skill set that will enhance the student’s ability to easily engage in a productive employment position in a healthcare setting. The selected health care position will enhance the quality of life for not only the student engaged in this work, but also citizens receiving these services throughout Kentucky and the United States. The certificate program curriculum will help emphasize the WKU strategic plan objectives by preparing students for lifelong learning and success by expanding student learning and opportunities for employment and by enhancing life of not only students as they become employable immediately following graduation but also the clients the patient navigators will serve as a result of completing this certificate program.

4. Curriculum:

No new courses are proposed for this certificate.

**PROPOSED INTERDISCIPLINARY PATIENT NAVIGATOR UNDERGRADUATE
CERTIFICATE**

Courses for the certificate may also meet the requirements for other degree Programs. This certificate may be completed in as little as 19 or as many as 23 hours of credit.

I. Navigator Core Courses (All 13 hours required)

HIM 100 Health Data Content and Structure (4 hours)

AH 290 Medical Terminology (2 hours)

HIM 291 Advanced Medical Terminology (2 hours)

HIM 292 Pharmacology & Laboratory Diagnostics (2 hours)

HCA 340 Health Care Organization and Management (3 hours)

II. Legal Issues in Health Care (Choose 1 or Advisor Approved Selection)

HIM 225 Legal Issues in Health Information Management (2 hours)

SWRK 375 Social Work Practice I (3 hours)

SWRK 433 Ethical Issues and Dilemmas in Social Work (3 hours)

PH 447 Human Values and the Health Sciences (3 hours)

III. Collaboration in Healthcare (Choose 1 or Advisor Approved Selection)

SWRK 357 Case Management (3 hours)

NURS 400 Nursing Leadership and Management (3 hours)

COMM 440 Health Communication (3 hours)

IV. Cultural Competency (Choose 1 or Advisor Approved Selection)

CD 200 Cross Cultural Health Care Encounters (1 hour)

NURS 321 Transcultural Nursing (2 hours)

SWRK 330 Human Behavior in the Social Environment I (3 hours)

HCA 347 International Comparisons of Health Care Systems (3 hours)

5. Budget implications:

The proposed certificate program may lead to increased enrollment in some of the courses used to satisfy the requirements, however, all of these courses are currently offered in their respective

departments. If more than 15 are enrolled, some programs may need to add an additional section. It will be important to monitor the proposed certificate program enrollment for that reason. Particularly, HIM 100 is limited by the number of available computers in their classroom. No new faculty will be required for the proposed certificate program.

6. **Proposed term for implementation:** Fall 2015

7. **Dates of prior committee approvals:**

CHHS Emerging Health Professions Committee	<u>11/20/2014</u>
CHHS Undergraduate Curriculum Committee	<u>Dec. 5, 2014</u>
Contact with Office of Academic Affairs	<u></u>
Undergraduate Curriculum Committee	<u>January 26, 2015</u>
University Senate	<u></u>
Board of Regents	<u></u>

October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Make Multiple Revisions to a Course
(Action Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

1. Identification of course:

- 1.1 Current course prefix (subject area) and number: CS 181
- 1.2 Course title: Computer Science II

2. Revise course title: NA

- 2.1 Current course title:
- 2.2 Proposed course title:
- 2.3 Proposed abbreviated title:
- 2.4 Rationale for revision of course title:

3. Revise course number:

- 3.1 Current course number: CS 181
- 3.2 Proposed course number: CS 221
- 3.3 Rationale for revision of course number:
The revision of course number is consistent with the ongoing restructuring of the computer science undergraduate program.

4. Revise course prerequisites/corequisites/special requirements:

- 4.1 Current prerequisites/corequisites/special requirements:
PHIL 215 and CS 180 with grades of C or better, and eligibility to enroll in a calculus course based on criteria developed by the Department of Mathematics
- 4.2 Proposed prerequisites/corequisites/special requirements:
CS 180 with grade of C or better, and eligibility to enroll in a calculus course based on criteria developed by the Department of Mathematics
- 4.3 Rationale for revision of course prerequisites/corequisites/special requirements:
PHIL 215 teaches logic. Logic is pre-knowledge for CS 339 rather than CS 181. PHIL 215 will become a prerequisite for CS 339.
- 4.4 Effect on completion of major/minor sequence:
None

5. Revise course catalog listing: NA

- 5.1 Current course catalog listing:
- 5.2 Proposed course catalog listing:
- 5.3 Rationale for revision of course catalog listing:

6. Revise course credit hours: NA

- 6.1 Current course credit hours:

- 6.2 Proposed course credit hours:
- 6.3 Rationale for revision of course credit hours:

7. Revise grade type: NA

- 7.1 Current grade type:
- 7.2 Proposed grade type:
- 7.3 Rationale for revision of grade type:

8. Proposed term for implementation:

Fall 2015

9. Dates of prior committee approvals:

Department of Computer Science

October 21, 2014

Ogden College Curriculum Committee

December 4, 2014

Undergraduate Curriculum Committee

January 26, 2015

University Senate

October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Make Multiple Revisions to a Course
(Consent Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

1. Identification of course:

- 1.1 Current course prefix (subject area) and number: CS 280
- 1.2 Course title: Computer Science III

2. Revise course title: NA

- 2.1 Current course title:
- 2.2 Proposed course title:
- 2.3 Proposed abbreviated title:
- 2.4 Rationale for revision of course title:

3. Revise course number:

- 3.1 Current course number: CS 280
- 3.2 Proposed course number: CS 339
- 3.3 Rationale for revision of course number:
This course was offered as CS 338 before Fall 2011. CS 338 was renumbered to CS 280 in Fall 2011. The change from CS 338 to CS 280 caused unexpected problems with the CS minor, so we have decided to revert to the previous numbering. Since CS 338 was used before, this course will be renumbered to CS 339 based on university registrar's suggestion. In fact, the 300 level is more appropriate for the material being covered, and the majority of students enrolling in this course (83% in Spring 2014) have junior status.

4. Revise course prerequisites/corequisites/special requirements:

- 4.1 Current prerequisites/corequisites/special requirements:
A grade of "C" or better in CS 181 and MATH 136
- 4.2 Proposed prerequisites/corequisites/special requirements:
A grade of "C" or better in CS 221, PHIL 215, and MATH 136
- 4.3 Rationale for revision of course prerequisites/corequisites/special requirements:
CS 181 has been renumbered CS 221. PHIL 215 teaches logic, which provides a basis for understanding the content of CS 339.
- 4.4 Effect on completion of major/minor sequence:
None

5. Revise course catalog listing: NA

- 5.1 Current course catalog listing:
- 5.2 Proposed course catalog listing:
- 5.3 Rationale for revision of course catalog listing:

6. **Revise course credit hours:** NA
6.1 Current course credit hours:
6.2 Proposed course credit hours:
6.3 Rationale for revision of course credit hours:

7. **Revise grade type:** NA
7.1 Current grade type:
7.2 Proposed grade type:
7.3 Rationale for revision of grade type:

8. **Proposed term for implementation:**
Fall 2015

9. **Dates of prior committee approvals:**

Department of Computer Science

October 21, 2014

Ogden College Curriculum Committee

December 4, 2014

Undergraduate Curriculum Committee

January 26, 2015

University Senate

October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Make Multiple Revisions to a Course
(Action Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

1. Identification of course:

- 1.1 Current course prefix (subject area) and number: CS 380
- 1.2 Course title: Data Structures and Algorithm Analysis

2. Revise course title: NA

- 2.1 Current course title:
- 2.2 Proposed course title:
- 2.3 Proposed abbreviated title:
- 2.4 Rationale for revision of course title:

3. Revise course number:

- 3.1 Current course number: CS 380
- 3.2 Proposed course number: CS 421
- 3.3 Rationale for revision of course number:
The revision of course number is consistent with the ongoing restructuring of the computer science undergraduate program. No other CS courses use this course as a prerequisite.

4. Revise course prerequisites/corequisites/special requirements:

- 4.1 Current prerequisites/corequisites/special requirements:
A grade of "C" or better in CS 280 and STAT 301
- 4.2 Proposed prerequisites/corequisites/special requirements:
A grade of "C" or better in CS 339 and STAT 301
- 4.3 Rationale for revision of course prerequisites/corequisites/special requirements:
The revision of course prerequisites is consistent with the renumbering of CS 280 to CS 339.
- 4.4 Effect on completion of major/minor sequence:
None

5. Revise course catalog listing: NA

- 5.1 Current course catalog listing:
- 5.2 Proposed course catalog listing:
- 5.3 Rationale for revision of course catalog listing:

6. Revise course credit hours: NA

- 6.4 Current course credit hours:
- 6.1 Proposed course credit hours:

6.2 Rationale for revision of course credit hours:

7. Revise grade type: NA

7.1 Current grade type:

7.2 Proposed grade type:

7.3 Rationale for revision of grade type:

8. Proposed term for implementation:

Fall 2015

9. Dates of prior committee approvals:

Department of Computer Science

Ogden College Curriculum Committee

Undergraduate Curriculum Committee

University Senate

October 21, 2014

December 4, 2014

January 26, 2015

October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Make Multiple Revisions to a Course
(Action Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

1. Identification of course:

- 1.1 Current course prefix (subject area) and number: CS 443
- 1.2 Course title: Database Management Systems

2. Revise course title: NA

- 2.1 Current course title: Database Management Systems
- 2.2 Proposed course title: Database Management Systems II
- 2.3 Proposed abbreviated title: Database Mgt Systems II
- 2.4 Rationale for revision of course title:
The revision of course title is consistent with the new proposed course CS 351 (Database Management Systems I).

3. Revise course number:

- 3.1 Current course number:
- 3.2 Proposed course number:
- 3.3 Rationale for revision of course number:

4. Revise course prerequisites/corequisites/special requirements:

- 4.1 Current prerequisites/corequisites/special requirements:
CS 251 and 280, or permission of instructor
- 4.2 Proposed prerequisites/corequisites/special requirements:
Grades of "C" or better in CS 339 and CS 351, or permission of instructor
- 4.3 Rationale for revision of course prerequisites/corequisites/special requirements:
The revision of course prerequisites consistent with replacing CS 251 with CS 351 and renumbering CS 280 as CS 339. Requiring a grade of "C" or better will improve students' chances for success in CS 443.
- 4.4 Effect on completion of major/minor sequence:
None

5. Revise course catalog listing: NA

- 5.1 Current course catalog listing:
- 5.2 Proposed course catalog listing:
- 5.3 Rationale for revision of course catalog listing:

6. Revise course credit hours: NA

- 6.1 Current course credit hours:
- 6.2 Proposed course credit hours:

6.3 Rationale for revision of course credit hours:

7. Revise grade type: NA

7.1 Current grade type:

7.2 Proposed grade type:

7.3 Rationale for revision of grade type:

8. Proposed term for implementation:

Fall 2015

9. Dates of prior committee approvals:

Department of Computer Science

Ogden College Curriculum Committee

Undergraduate Curriculum Committee

University Senate

October 21, 2014

December 4, 2014

January 26, 2015

**College of Health and Human Services
School of Nursing
Proposal to Revise Course Credit Hours
(Action Item)**

Contact Person: Audrey Cornell, audrey.cornell@wku.edu, 745-3656

1. Identification of course:

- 1.1 Current course prefix and number: NURS 343
- 1.2 Course title: Mental Health Nursing
- 1.3 Credit hours: 2.0

2. Proposed course credit hours: 3.0

3. Rationale for the revision of course credit hours:

The N343 Mental Health course is currently a 2 credit hour course that builds skills in critical thinking, interpersonal communication with patients, families and other healthcare professionals and care for clients with mental issues across the lifespan. Mental Health is a core nursing competency that comprises a large percentage of the questions on the national licensure exam. Therapeutic communication is incorporated in all areas of nursing. The addition of an hour will allow more application-based learning in simulation, group work, and case study. Mental Health is a 2 credit hour course in comparison with other nursing courses in the program of equal importance that are 3 credit hour (e.g. Fundamentals, Health Promotion, and Community Health). Given the number of patients in the US currently receiving mental health services and utilizing psychotherapeutic drugs (antidepressants, anti-anxiety and mood stabilizers) the student needs to be well-prepared with adequate time in this content.

4. Proposed term for implementation: Fall 2015

5. Dates of prior committee approvals:

School of Nursing BSN Curriculum Committee
School of Nursing BSN Prelicensure Program
College Curriculum Committee
Undergraduate Curriculum Committee
University Senate

September 19, 2014
October 17, 2014
Dec. 5, 2014
Jan. 26, 2015

Proposal Date: October 20, 2014

**College of Health and Human Services
School of Nursing
Proposal to Revise Course Credit Hours
(Action Item)**

Contact Person: Audrey Cornell, audrey.cornell@wku.edu, 745-3656

1. Identification of course:

- 1.1 Current course prefix and number: NURS 422
- 1.2 Course title: Senior Practicum
- 1.3 Credit hours: 3.0

2. Proposed course credit hours: 4.0

3. Rationale for the revision of course credit hours:

The NURS 422 Senior Practicum course is currently a 3 credit hour senior capstone course that requires 120 mandated hours in a clinical setting. Clinical sites and preceptor availability are limited with competition from other schools, orientation of new hospital staff, and the current constraints in providing healthcare. This often limits the educational experience during the senior practicum and the ability to influence the application-based learning that needs to occur. Student feedback indicates a desire to increase the time in simulation to apply knowledge and practice skills. By adding the additional hour we will be able to incorporate additional simulations and national licensure preparation into the course.

4. Proposed term for implementation: Fall 2015

5. Dates of prior committee approvals:

School of Nursing BSN Curriculum Committee
School of Nursing BSN Prelicensure Program

September 19, 2014

October 17, 2014

College Curriculum Committee

Dec. 5, 2014

Undergraduate Curriculum Committee

Jan. 26 2015

University Senate

**College of Education and Behavioral Sciences
Department of Psychology
Proposal to Create a New Minor Program
(Action Item)**

Contact Person: Pitt Derryberry, pitt.derryberry@wku.edu, 270-745-5250

1. Identification of program:

- 1.1 Program title: Minor in Clinical and Community Behavioral Health
- 1.2 Required hours in minor program: 21
- 1.3 Special information:

The Department of Psychology is collaborating with other departments (i.e., Counseling and Student Affairs, Family and Consumer Sciences, Gerontology, Recreation, and Social Work) in offering an interdisciplinary minor in Clinical and Community Behavioral Health. Though the majority of course work for the minor comes from Psychology, those pursuing the minor will take some courses from other departments. Representatives from each department have been consulted in developing the minor and are supportive of the minor and the inclusion of the courses identified from their respective departments.
- 1.4 Catalog description:

The minor in Clinical and Community Behavioral Health is an interdisciplinary minor that contributes to the preparation of students who are interested in careers in the mental health field and human services sector. The minor requires 21 hours, 12 of which must be from Psychology. Required coursework is distributed across four categories: Introductory – Psychology (3 hours), Introductory – Related Disciplines (6 hours), Community Connections (3 hours) and Principles of Mental Health (9 hours; 6 from Psychology).
- 1.5 Classification of Instructional Program Code (CIP): 42.2899 (i.e., Clinical, Counseling and Applied Psychology, Other)

2. Rationale:

- 2.1 Reason for developing the proposed minor program:

The minor in Clinical and Community Behavioral Health pertains to a central aspect of the Department of Psychology's vision, which is to offer and produce programs that produce practitioner-scholars effectively prepared to serve the Commonwealth of Kentucky and surrounding regions. With the minor's interdisciplinary focus on contributing to the preparation of practitioners in the mental health field in conjunction with the overall shortage nationally of behavioral health practitioners (see U.S. Department of Health and Human Services, Health Resources and Services Administration [2013]; <http://hpsafind.hrsa.gov/HPSASearch.aspx>), the minor in Clinical and Community Behavioral Health can make an important contribution to WKU Strategic Goal 3: Improve the quality of life of our communities. Furthermore, this minor contributes to two of the subgoals of Principle 5 of the American Psychological Association's (APA) Standards for Quality Undergraduate Education in Psychology (i.e., *Policy makers and the general public need to understand why psychological literacy is necessary for informed citizens in an effective workforce*) in that it will help students to

“apply psychological content and skills to career goals” and “develop meaningful professional direction for life after graduation.”

- 2.2 Projected enrollment in the proposed minor program.
It is anticipated that this minor will enroll at least 25 – 30 students per graduating cohort.
- 2.3 Relationship of the proposed minor program to other programs now offered by the department:
The Department of Psychology currently offers one minor in Psychology. This minor provides a general overview of Psychology and exposes the student to important theories and paradigms. The minor in Clinical and Community Behavioral Health is different in that its focus is specifically on applied areas within Psychology and relevant disciplines, is interdisciplinary, and has an emphasis on preparation for work in the mental health field.
- 2.4 Relationship of the proposed minor program to other university programs:
The Department of Psychological Science recently received approval for a minor in Psychological Science. According to information obtained from the proposal for the minor in Psychological Science, “The Psychological Science minor focuses students on becoming more engaged and critical consumers of the science underlying psychology through courses informed by current research and practice in the scientific study of individual and collective behavior, the physical and environmental bases of behavior, and the analysis and treatment of behavioral problems.” The minor in Clinical and Community Behavioral Health is different in that its focus is specifically on applied areas within Psychology and relevant fields, is interdisciplinary, and has an emphasis on preparation for work in the mental health field.
- There are other minors that pertain to various areas within mental health. These include minors in Social Work, Gerontology, Child Studies, and Family Studies. The minor in Clinical and Community Behavioral Health is different from these minors in that it is interdisciplinary. As such, it has a broader and more general scope and focuses on preparation for practice in community and clinical human service organizations whereas the aforementioned minors concentrate on a specific discipline.
- 2.5 Similar minor programs offered elsewhere in Kentucky and in other states (including programs at benchmark institutions):
None of the 7 public institutions in Kentucky offer a similar minor. However, Northern Kentucky offers a major in Counseling and Human Services, and Lindsey Wilson offers a major in Human Services and Counseling. One institution among WKU’s 18 benchmarks offers a similar minor. Specifically, Ball State University offers a minor in Community Health Education. This program includes courses in health science, health education, as well as an internship with a governmental or voluntary health agency. Three benchmark institutions offer majors that are similar in focus. East Tennessee State University offers a major in Human Services. Northern Illinois offers a major in Health and Human Sciences. Ohio University offers a major in Human Services Technology.

A handful of similar minors exist at other institutions in the United States as noted below:

- The University of South Florida (USF) offers a minor in Behavioral Healthcare. As noted on USF’s website “Behavioral health problems, including mental illness and substance abuse, are among the greatest public health challenges facing our

communities. New, scientifically based treatment approaches are available to treat and prevent many of these behavioral health issues. Students will be exposed to these treatment approaches as well as to issues in the organization, financing, delivery, and outcomes of behavioral health services. The emphasis of the curricula is on those empirically validated methods of service delivery within the context of current funding, policies, and trends.”

- Canisius University offers a minor in clinical/counseling psychology. According to Canisius’ website, “The Clinical/counseling psychology minor is for individuals planning careers in psychology, social work, or counseling education and is open to majors and non-majors with the needed prerequisites. Students learn about the therapeutic services provided in counseling centers, independent or group practices, hospitals or clinics.”
- The University of Nevada Las Vegas (UNLV) offers a minor in Human Services. According to UNLV’s website, “The Human Services minor provides broad training in understanding human behavior and in interpersonal and helping skills to provide services in a wide array of contexts.”

2.6 Relationship of the proposed minor program to the university mission and objectives: Those pursuing this minor will become better prepared to serve the mental health field and human services sector. The minor will produce citizens who are more psychologically literate; a major principle of the APA Standards for Quality Undergraduate Education in Psychology. The availability of this minor contributes to WKU’s mission, which states that “WKU prepares students to be productive, engaged, and socially responsible citizen leaders of a global society.” With the minor’s focus on contributing to the preparation of practitioners in the mental health field in conjunction with the overall shortage nationally of behavioral health practitioners (see U.S. Department of Health and Human Services, Health Resources and Services Administration [2013]; <http://hpsafind.hrsa.gov/HPSASearch.aspx>), the minor in Clinical and Community Behavioral Health can make an important contribution to WKU Strategic Goal 3: Improve the quality of life of our communities.

3. **Learning outcomes of the proposed minor:**

Those completing this minor will:

- o Be better prepared for a career in the mental health field and human services sector.
- o Gain greater awareness of major psychological theories and paradigms of relevance in the mental health field and human services sector.
- o Demonstrate an understanding of different types of mental health and human service organizations including roles of professionals, range of services offered, and organizational values.
- o Describe the helping process and characteristics of effective helpers.
- o Describe legal and ethical issues that impact organizations and professionals.
- o Develop and espouse the concept of psychologically literate citizens.

4. **Curriculum:**

The minor requires 21 hours, 12 of which must be from Psychology. The minor will consist of coursework from four categories: Introductory – Psychology, Introductory – Related Disciplines, Community Connections, and Principles of Mental Health. Requirements in these categories are as follows:

Required Introductory – Psychology (3 hours): Choose from

- PSY 100 – Introduction to Psychology

- PSY 220 – Developmental Psychology
- PSY 250 – Psychology of Adjustment

Required Introductory – Related Disciplines (6 hours from separate fields): *Choose from*
Counseling and Student Affairs

- CNS 110 – Human Relations

Family and Consumer Sciences

- FACS 191 – Child Development
- FACS 297 – Family, Community, and Early Childhood Program Partnerships

Social Work

- SWRK 101 – Foundations of Human Services
- SWRK 205 – Introduction to Social Work

Gerontology

- GERO 100 – Introduction to the Aging Experience

Recreation Administration

- REC 220 – Understanding Nonprofit Sector

Required Community Connections (3 hours): *Choose from*

- PSY 390 – Field Experience in Psychology
- PSY 470 – Psychology and the Law
- PSY 346 – Foundations of Clinical and Community Behavioral Health
- SWRK 326 – Services for Older Americans
- SWRK 356 – Services for Juvenile Offenders
- SWRK 436 – Services to Children

Principles of mental health: (9 hours; at least 6 must be from Psychology): *Choose from*

- PSY 355 – Issues in Cross-Cultural Psychology
- PSY 412 – Psychology of Motivation and Emotion
- PSY 422 – Adolescent Psychology
- PSY 440 – Abnormal Psychology
- PSY 441 – Psychological Aspects of Alcoholism
- PSY 442 – Beginning Skills in Psychological Interviewing
- PSY 443 – Behavior Modification
- PSY 445 – Introduction to Clinical and School Psychology
- FACS 311 – Family Relations
- FACS 391 – Risk and Resilience
- FACS 492 – Growth and Guidance of Children
- FACS 494 – Parenting Strategies
- FACS 495 – Family and Relationship Violence
- FACS 496 – Challenging Behaviors
- GERO 461 – Person-Centered Dementia Management

5. **Budget implications:**

The minor is comprised of courses that are regularly offered and staffed. There should be no budgetary implications.

6. **Proposed term for implementation:** Fall 2015

7. **Dates of prior committee approvals:**

Department of Psychology **11/21/2014**

College Curriculum Committee **12/2/2014**

Professional Education Council (if applicable) _____

Undergraduate Curriculum Committee **1/26/2015**

University Senate _____

Board of Regents _____

October 4, 2014

**Ogden College of Science and Engineering
Department of Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Huanjing Wang, huanjing.wang@wku.edu, 745-2672

- 1. Identification of course:**
 - 1.1 Course prefix (subject area) and number: CS 315
 - 1.2 Course title: Introduction to UNIX
- 2. Current prerequisites/corequisites/special requirements:**
CS 181 (corequisite)
- 3. Proposed prerequisites/corequisites/special requirements:**
CS 221 or permission of instructor
- 4. Rationale for the revision of prerequisites/corequisites/special requirements:**
The revision of course prerequisites is consistent with the renumbering of CS 181 to CS 221.
- 5. Effect on completion of major/minor sequence:**
None
- 6. Proposed term for implementation:**
Fall 2015
- 7. Dates of prior committee approvals:**

Department of Computer Science
Ogden College Curriculum Committee
Undergraduate Curriculum Committee
University Senate

October 21, 2014

December 4, 2014

January 26, 2015